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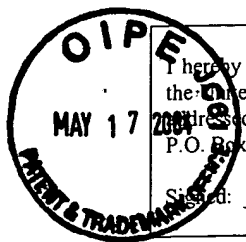
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/678,893	
	<b>Filing Date</b>	October 2, 2003	
	<b>First Named Inventor</b>	CHANG, Robert C. et al.	
	<b>Group Art Unit</b>	2186	
	<b>Examiner Name</b>	Unassigned	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b>	SANDP040

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Return Postcard  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Copy of European Search Report</b>
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
<b>Firm and Individual name</b>	RITTER, LANG & KAPLAN LLP Peggy A. Su, Reg. No. 41,336
<b>Signature</b>	
<b>Date</b>	May 12, 2004

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<b>Typed or printed name</b>	Kimberly Melvin		
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Kimberly Melvin

Attorney Docket No. SANDP040  
**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

CHANG, Robert C. et al.

Application No.: 10/678,893

Filed: October 2, 2003

For: HYBRID IMPLEMENTATION FOR  
ERROR CORRECTION CODES WITHIN A  
NON-VOLATILE MEMORY SYSTEM

Examiner: Unassigned

Group: 2186

Date: May 12, 2004

**INFORMATION DISCLOSURE****STATEMENT UNDER 37****CFR §1.56 AND §1.97(c)**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449 copies of which are enclosed, may be material to the examination of the above-identified patent application. These references were cited in a corresponding foreign patent application. A copy of the foreign Search Report which was dated April 2, 2004, is enclosed herewith as well. These references are submitted in compliance with the applicant's duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. Accordingly, the Examiner is requested to make these citations official record in this application.

**CERTIFICATION**

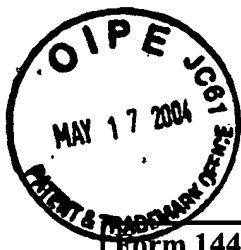
The undersigned hereby certifies that the references enclosed herewith were first cited in an international search report from the European Patent Office searching authority less than three months before the filing date of the present Information Disclosure Statement. Should the Commissioner determine that additional fees are required for filing the present Information Disclosure Statement, the Commissioner is hereby authorized to charge any such fees to our deposit account number 50-1652 (Order No. SANDP040).

Respectfully submitted,

Peggy A. Su

Reg. No. 41,336

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Form 1449 (Modified)	Atty Docket No. SANDP040
<b>Information Disclosure Statement By Applicant</b>	Application No.: 10/678,893
(Use Several Sheets if Necessary)	Inventor Robert C. Chang et al.
	Group 2186
	Filing Date October 2, 2003
	Mailing Date May 12, 2004

#### U.S. Patent or Published Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-Class
	A	4,785,452	11/1998	Petz et al.	371	38
	B	5,961,660	10/1999	Capps, Jr. et al.	714	763
	C	6,041,001	3/2000	Estakhri	365	200
	D	6,085,339	7/2000	Jeddeloh	714	52

#### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No

#### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered.  
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